

Appln. No. 10/687,740
Reply to Office action of September 23, 2005
Response dated December 22, 2005

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Original) A process for producing a carbonized product used for producing activated carbon for an electrode of an electric double-layer capacitor, comprising the steps of subjecting a condensed polycyclic aromatic pitch having an optical anisotropic rate O_a in a range of $1\% \leq O_a \leq 90\%$ and a softening point T_s in a range of $140^\circ\text{C} \leq T_s \leq 260^\circ\text{C}$ to an oxygen crosslinking treatment at a heating temperature T_h set at $T_h \leq 260^\circ\text{C}$ to provide an organic material for a carbonized product having a light component content L equal to or larger than 14.5% by weight, and subjecting the organic material to a carbonizing treatment at a temperature-raising rate R_t set at $R_t \geq 500^\circ\text{C}/\text{h}$ and at a heating temperature T_h set in a range $600^\circ\text{C} \leq T_h \leq 1,000^\circ\text{C}$ for a heating time t set at $t \leq 2$ hr.

Claim 2 (Currently Amended) An organic material for a carbonized product used for producing activated carbon for an electrode of an electric double-layer capacitor, which is produced by subjecting a condensed polycyclic aromatic pitch having an optical anisotropic rate O_a in a range of $1\% \leq O_a \leq 90\%$ and a softening point T_s in a range of $140^\circ\text{C} \leq T_s \leq 260^\circ\text{C}$ to an oxygen crosslinking treatment at a heating temperature T_h set at $T_h < 260^\circ\text{C}$, and which has a light component content L equal to or higher than 14.5 % by weight.

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Claim 3 (original) An organic material for a carbonized product according to claim 2, wherein said condensed polycyclic aromatic pitch has an optical anisotropic rate O_a lower than 50 %.

Claim 4 (New) The process of claim 1, wherein the oxygen crosslinking treatment is carried out in an oxygen current.